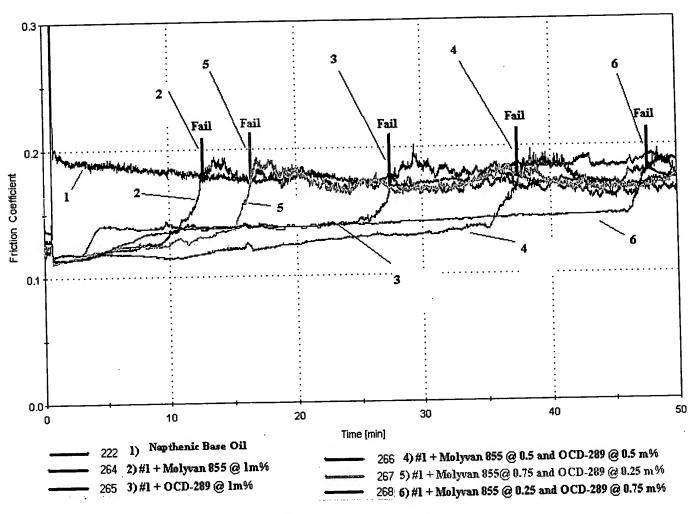
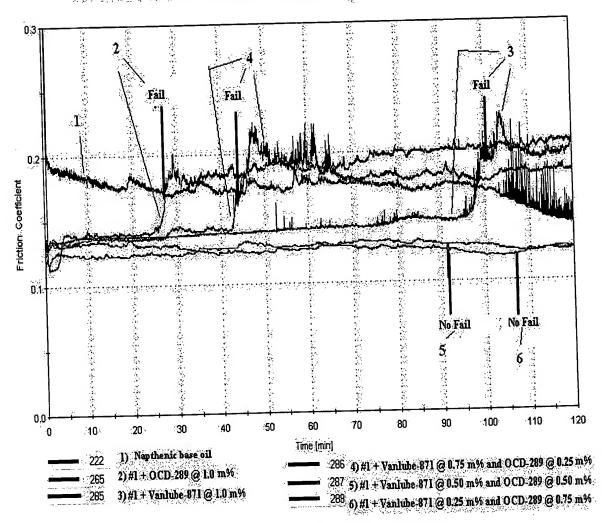
Evaluation of Friction Reducers by ASTM D5707 (SRV)



ASTM D5707 SRV : 200 N; 50Hz ;80C; 1.00 mm stroke; 50 minutes; ball on disk

FIGURE 1

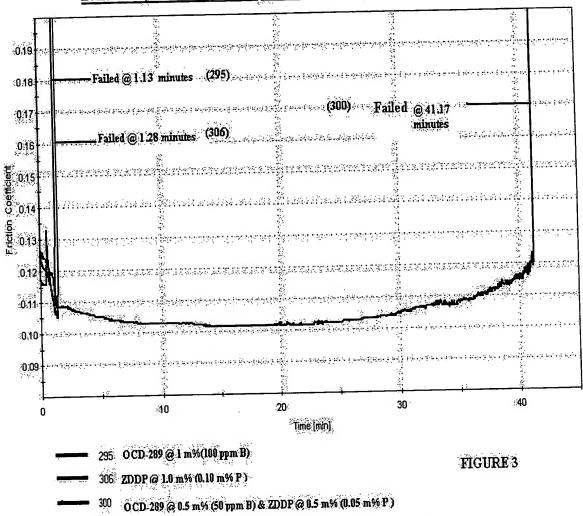
Evaluation of Friction Reducers by ATSM D5707-SRV



ASTM D5707-SRV: 200 N; 50 Hz; 80C; L0 mm stroke; 120 minutes; ball on disk FIGURE 2

SYNERGISTIC ORGANOBORATE COMPOSITION with ZDDP

Evaluated by ASTM D5707 SRV @ 1000Newtons (run to failure)



ASTM D5707 SRV : 1000 N; 50 Hz; 1 mm stoke; 80 C; run to failure; ball on disk